

19970924.qrp v00_n858.qrs.970924

Date: Wed, 24 Sep 1997 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 858

QRP-L Digest 858

Topics covered in this issue include:

- 1) [27317] FS:MFJ 9020
by wsmith@cyberdrive.net (Wayne A. Smith)
- 2) [27318] SLR kits availability...
by Jade Account <jadepro@jadeprod.com>
- 3) [27319] Re: Baluns
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
- 4) [27320] NOT QRP, BUT need quasar VCR manual
by Mike Duke <K5xu@cris.com>
- 5) [27321] Re: CW learning info wanted
by k1oj@swbell.net
- 6) [27322] Re: QRP Afield
by LynnSimons@aol.com
- 7) [27323] Consumer Electronics Manufacturers
by n4so@juno.com (charles k brown)
- 8) [27324] QRP AField
by "Ron Polityka" <wb3aal@talon.net>
- 9) [27325] AF #
by "Ron Polityka" <wb3aal@talon.net>
- 10) [27326] Heard 9A during QRP Afield, too.
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
- 11) [27327] anecdotal question
by "John A. Evans - N0HJ" <jae@codenet.net>
- 12) [27328] Re: Beefing up the Sudden RX
by ed crowell <w5twr@rconnect.com>
- 13) [27329] PC layout for audio filter needed
by Conard Murray <ws4s@InfoAve.Net>
- 14) [27330] Heathkit Manuals/Heathkit Reflector
by n4so@juno.com (charles k brown)
- 15) [27331] Re: Beefing up the Sudden RX
by ed crowell <w5twr@rconnect.com>
- 16) [27332] Re: tube rigs
by Bob Roach <KE4QOK@worldnet.att.net>
- 17) [27333] CQ HI CQ HI/Would like sked with HI
by "Kevin F. Glynn" <KFGlynn@prodigy.net>
- 18) [27334] QRP'ing
by John Bates <batesjw@netspace.net.au>
- 19) [27335] Re: BC-611 WW2 HT (QRP) wanted

- by w4bws@juno.com (Donald E Sanders)
- 20) [27336] Sked to HI
by Jeff & Bea Hahn <jhahn@bellatlantic.net>
- 21) [27337] IARU BEACON POSTING
by gregoire@endor.com
- 22) [27338] More adventures in mobile QRP
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 23) [27339] Current Limiting PS
by aa8yo@tir.com (Robert J. Fox)
- 24) [27340] HI Sked
by Wayne Alexander <walexander@wwn.net>
- 25) [27341] Re: tube rigs
by Michael <MichaelN@cycat.com>
- 26) [27342] RE: The Demise of CW
by ko7i@juno.com (Donald H Jones)
- 27) [27343] Re: More adventures in mobile QRP
by Monte Stark <ku7y@sage.dri.edu>
- 28) [27344] Re: tube rigs
by Monte Stark <ku7y@sage.dri.edu>
- 29) [27345] Re: tube rigs
by w4bws@juno.com (Donald E Sanders)
- 30) [27346] Re: tube rigs
by Jim Glover <psykey@okcforum.org>
- 31) [27347] Re: tube rigs
by Jim Glover <psykey@okcforum.org>
- 32) [27348] Re: anecdotal question
by Zack Lau <zlau@arrl.org>
- 33) [27349] Arkansas 40M QRP net
by Jim <kj5tf@mctc.com>
- 34) [27350] St. Louis Vertical
by AA0QX <AA0QX@prodigy.net>
- 35) [27351] Re: AF #
by Bob Hightower <ki7mn@dancris.com>
- 36) [27352] Re: CQ HI CQ HI/Would like sked with HI
by Joe Gervais <vole@primenet.com>
- 37) [27353] working with SMT parts
by Steven Weber <kd1jv@moose.ncia.net>
- 38) [27354] QRP Tuner kit
by Addi Pittman <cornea@vsta.com>
- 39) [27355] Re: tube rigs
by Ed Loranger <we6w@qsl.net>
- 40) [27356] ZK1XXP
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 41) [27357] Re: QRP Tuner kit
by Richard Wilkerson <richqrp@cts.com>
- 42) [27358] Re: CW learning info wanted
by Ed Loranger <we6w@qsl.net>
- 43) [27359] Re: GQRP - QRP Quarterly

by Chris Cartwright <ccart@dns.vidtel.com>
44) [27360] Re: CW learning info wanted
by Ed Loranger <we6w@qsl.net>
45) [27361] Re: working with SMT parts
by laura halliday <ve7ldh@direct.ca>
46) [27362] Want crystal for 3710 KHz
by Jim W7LS <w7ls@brigadoon.com>
47) [27363] Silver contacts
by Jim W7LS <w7ls@brigadoon.com>
48) [27364] Re: working with SMT parts
by "Brad Mitchell" <bmitchel@kodak.com>
49) [27365] To CW or not to CW that is the ?
by TMcfadden@aol.com
50) [27366] Re: working with SMT parts
by Ed Loranger <we6w@qsl.net>
51) [27367] 38S Kits: Sold Out
by wager@juno.com (James W. Cates)
52) [27368] Virtual Pacificon??
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
53) [27369] Re: To CW or not to CW that is the ?
by Ed Loranger <we6w@qsl.net>
54) [27370] Re: 38S Kits: Sold Out
by Niel Skousen <nskousen@scientech.com>
55) [27371] Tube QRP rigs
by David Smith <qrp@dave@ocsnet.net>
56) [27372] Re: Virtual Pacificon??
by "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
57) [27373] Re: Va Beach Hamfest
by Ricky McNelly <72507.235@compuserve.com>
58) [27374] Re: tube rigs
by Roger Whitaker <k9ljb@iname.com>
59) [27375] Re: 38S Kits: Sold Out
by Ed Loranger <we6w@qsl.net>
60) [27376] Exam sites/times in Seattle???
by Dale Scott <dcscott@us.ibm.com>
61) [27377] Re: Practical MOV Usage
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
62) [27378] 38 S Sold out.
by "Vincent Ferme" <vferme@sprint.ca>
63) [27379] A 38 Special Thank You
by Bill Jones <kd7s@psnw.com>
64) [27380] ZK1XXP, North Cook Is., QRP mobile style!
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
65) [27381] Re: To CW or not to CW that is the ?
by Jim Glover <psykey@okcforum.org>
66) [27382] Re: Virtual Pacificon??
by tahrens1@juno.com (Timothy H Ahrens)
67) [27383] Re: QRP mobile style!

by John Evans - N0HJ <jaevans@codenet.net>
68) [27384] FOXHUNT Announcement
by adams@chuck.dallas.sgi.com (Chuck Adams)
69) [27385] FOXHUNT Schedule
by adams@chuck.dallas.sgi.com (Chuck Adams)
70) [27386] Re: Tube QRP rigs
by Sandy W5TVW <ebjr@worldnet.att.net>
71) [27387] Re: CQ HI CQ HI/Would like sked with HI
by AE0Q V31RY <v31ry@ix.netcom.com>
72) [27388] Re: QRP Afield
by TonyDrumm@ibm.net (Tony Drumm)

Date: Tue, 23 Sep 1997 19:19:31 -0400
From: wsmith@cyberdrive.net (Wayne A. Smith)
To: qrp-1@Lehigh.EDU
Subject: [27317] FS:MFJ 9020
Message-ID: <199709232319.TAA13115@nemesis.cyberdrive.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for all the replies on the previous posting. The OHR QRP 20/40 has been spoken for. The MFJ 9020 is still available for \$100.00 including UPS.

Best 72 de K8FF

Date: Tue, 23 Sep 97 19:20:46 PDT
From: Jade Account <jadepro@jadeprod.com>
To: qrp-1@Lehigh.EDU, Blanchard@sysengmx.zko.dec.com, jadepro@jadeprod.com
Subject: [27318] SLR kits availability...
Message-ID: <Chameleon.4.01.970923193122.jadepro@jadepro.jadeprod.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was going to wait a few days to post this, until most of the QST's had been delivered, but there is an error at the end of the article concerning our email address (the WEB address is correct), so to prevent the wrong address receiving all sorts of incorrect mail, I thought I would post the correction ASAP...

For quite some time we have been discussing the SLV (St. Louis Vertical), and many have put it to good use. Now to confuse things along comes the SLR.

What is the SLR, well, if you subscribe to QST, you may already know. SLR stands for "Shielded Loop Receiver", and this months (October 97) QST cover article describes just such a device, along with the antenna design to go with it.

It is designed by Dan, N1BYT, an avid QRP fan. He has taken a traditional NE602 design and by paying careful attention to input balance and impedance matching, has achieved outstanding performance. The heart of the beast is the Analog Devices AMP04FP, a very precision Instrumentation Op-Amp. This device allows very high gain, good noise performance, and most importantly in a receiver such as this, great Common Mode Rejection (CMR). This allows it to reject extremely strong local AM signals.

The receiver in the article is designed for 40 Meter operation, with data included for 30M and 80M. Dan has also built them for 20M with excellent results. I plan to build one for 160 M soon, it should work very well there.

Another area Dan has improved is in the audio amplifier, in this case the LM386. He's come up with a very nice arrangement to greatly reduce the characteristic "hiss" we've come to know and love (hate?) in the LM386. This receiver has a lot of audio and drives a speaker VERY well.

The whole receiver draws under 10 Ma and runs on a standard 9V battery. A LDO (Low Drop Out) voltage regulator is used to get everything out of the battery before it is pronounced dead.

The tuning uses a pair of MV104 tuning diodes. One acts as the main tuning, the other as RIT (bandsread for us older folks). On 40M it covers 250 KHz, on 30M only one diode is needed (just the RIT, although both can be used to cover some of the SWL bands around there if desired). 80M coverage is about 125 KHz.

Alignment is super easy. Check out the wiring, turn it on, if you hear noise, tune it until you hear its oscillator in a local receiver, calibrate it, then tune the capacitor on the antenna for maximum signal. The first one I built came up running in less than two minutes.

Now the good part, why is a Jade Products, Inc engineer telling you all this? Well, we worked with Dan to put the kit together. We've improved on the design since the article was submitted. The original antenna design was a bit difficult for the average home workshop (but not impossible), so we've come up with a really simple, easy to build version. All that is needed is a small drill, soldering iron and wire stripper.

We've also added some etch to support a muting circuit, so if a transmitter is used in conjunction with the receiver, it can be disabled during transmit. The parts for the muting circuit are not included, but it is only a resistor, common FET, diode and capacitor.

The receiver itself is built on a double sided, silk screened, solder masked PC Board. The kit (kit form only) comes complete with everything except the battery and perhaps a piece of wood or enclosure and knobs. The receiver does NOT have to be shielded, it is very immune to extraneous signals. I have mine running on a block of wood.

We have also done up a complete assembly manual, those of you that have built our kits know that we strive to put everything into our manuals.

You can see the color photos of the finished product at the WEB site in the signature below.

Another strength of this receiver is the ability to reject local QRN. Magnetic loop antennas are very good for this, and ours is no exception. Additionally, the antenna is quite directive and can be used to null out interference and do Direction Finding.

We're waiting for our shipment of AMP04FP chips to arrive, which will be soon, at that point we will start shipments to those interested. If you have questions, please feel free to get in touch. I'm usually not around to do telephone calls until later afternoon, early evening here in the east, so e-mail is my preferred means of communications. Of course, there is always the FAX!

For those that don't have a WEB browser (surprising number still do not), the kit sells for \$95.00 and there is an additional \$6.50 for shipping. For non-US shipments, please contact us.

Once again, I don't like to turn this list into a commercial, and I avoid getting on here to tout our products, but this receiver really is exciting and I wanted to get the word to you folks first. I couldn't beleive my ears the first time I heard this receiver!

72

Dennis, K1YPP

Jane Blanchard, President

Dennis Blanchard, Chief Engineer

Jade	Phone:	603-329-6995 (Telephone hours 4 to 10 PM EST)
Products,	FAX:	603-329-4499
Inc.	Orders:	800-523-3776
	e-mail:	jadepro@jadeprod.com

US Mail: Jade Products, Inc
PO Box 368
East Hampstead, NH 03826-0368

See our Web Page: <http://www.jadeprod.com/>

Date: Tue, 23 Sep 97 16:39:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-1@Lehigh.EDU
Subject: [27319] Re: Baluns

>From: Ronald Hands <rhands@hwcw.org>
>I'm using a RadioWorks Y1-5K, which is 1:1, to a ladder-line-fed 100
>foot dipole. Seems to work fine.

Hi Ron, you're right - a 4:1 balun should only be used when the impedance is around 200 ohms resistive. Quite often, the poor 4:1 balun is trying to divide 10 ohms by 4 which is going the wrong direction. There is no impedance condition for your antenna that is a good match for a 4:1 balun.

A 1:1 choke is the way to go with a non-resonant antenna, like yours. However, it has a certain impedance that resists current flow in the coax braid. Ohm's law takes over and most of the current will flow toward the lowest impedance. But let's say the choke impedance is 1000 ohms and the antenna impedance is 5000 ohms. The choke will not choke and most of the current will flow as common-mode on the coax braid resulting in RF-in-the-shack and feedline radiation. So the moral is to use a 1:1 choke and feed the ladder-line at a current maximum, i.e. impedance minimum point. How to do that on all HF bands using a 75m dipole is covered on my web page at:
<http://people.delphi.com/CecilMoore/mystery.htm>

73, Cecil, W6RCA (not speaking for my employer)

Date: Tue, 23 Sep 1997 21:07:46 -0400 (EDT)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [27320] NOT QRP, BUT need quasar VCR manual
Message-ID: <Pine.SUN.3.96.970923210350.9057C-1000000@viking.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there a better place to go scrounging for any manual than here?

I need the destructions for a Quasar #5280 VCR. I acquired one in a "Come & Get It!" deal, and can't persuade it to tune the cable channels above 13.

I wonder if there's a "vcr-1?" Actually, I hope not.
72/73
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Tue, 23 Sep 1997 20:22:15 -0700
From: k1oj@swbell.net
To: we6w@qsl.net
Cc: qrp-1@Lehigh.EDU
Subject: [27321] Re: CW learning info wanted
Message-ID: <34288767.7780@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy from Texas Ed...
I have been following your posts on learning CW. Check out this link.
<http://www.flash.net/~nars/>
Click on the contest section and you will find a little info on learning cw. Good luck and have fun.
CU---0J---K10J

Date: Tue, 23 Sep 1997 21:27:31 -0400 (EDT)
From: LynnSimons@aol.com
To: n4bp@shadow.net, qrp-1@Lehigh.EDU
Subject: [27322] Re: QRP Afield

Message-ID: <970923212540_123236051@emout06.mail.aol.com>

In a message dated 97-09-23 03:40:01 EDT, n4bp@shadow.net writes:

<< On Mon, 22 Sep 1997, Bob Kellogg wrote:

> > Anybody else hear the 9A in the middle of the fracas calling CQ over and
> > over? I tried him a few times as well but no luck there either.

>

Yes, my experience with these 9A's shows that they have even worse ears
than me! :-) I've heard them with S9 signals and called them with a KW
with not so much as a QRZ? back... >>

Hi guys,

I too heard the 9A and tried for a little while to work him during the
contest. He never came back to me either. I heard a few different people call
him and never did hear him come back to anyone. The next day I heard another
9A calling CQ on 20M and got him on the first call. Go figure.

Anyway 72/73 and good DX

Lynn, KJ3V

Date: Tue, 23 Sep 1997 22:02:15 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [27323] Consumer Electronics Manufacturers
Message-ID: <19970923.085834.4383.9.n4so@juno.com>

For consumer electronics you need a trade magazine dealing only with the
servicing of that kind of gear--
try:

Electronic Servicing and Technology
PO Box 12487
Overland Park, KS 66282-2487
cpersedit@aol.com

The annual issue is called Profax Schematics Special Issue and is the
yearly updated Directories of Consumer Electronics Manufacturers,
Distributors and State and National Associations.
The first section has the names and addresses/phone numbers/e-mail
addresses of all current Consumer Manufacturers.
Hitachi, Panasonic, JC Penney, Sharp, Thomson, Toshiba,
Zenith. and so on.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Tue, 23 Sep 1997 22:24:23 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [27324] QRP AField
Message-ID: <199709240238.WAA21624@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Went to a Locust Lake State Park on Friday. Found out that they closed the side that I wanted to operate from for the year. So we had to go to the other side of the lake. Now the antenna is low in the valley and close to power lines. Just had enough of time to set the tents up and have supper. Before we knew it the time was around 11 PM. Could not get any antennas up to test the site out. It started to rain around 11:30 PM. Real strange wx there, we had several quick showers all night. The rain came and then when it over the moon came out. Rain on and off through out Saturday. Had to turn the tri-band dipole. Murphy's Law was striking hard while tuning the antenna. 40-30-20 meter dipole was real picky on how close it was to the trees. Found out it would not tune on 15, probably due to the multi-band configuration. Finally got everything running around 1 PM.

Rig = Ten Tec 515
Antenna = tri-band dipole up about 20 feet.
Deep cycle battery
Timewave 599zx
Power Output = 900 mW (Well I got that one right now!)

15 Q's
11 States AL, FL, GA, IL, LA, MI, MN, NC, TN, TX & VA
6 Hours
40 & 20 Meters operation

Around 3 PM Saturday a storm passed thru and the temp dropped 15 degrees! Brrrrr

Sorry about sending the wrong power to some stations. I really was at 900 mW. Now I am going to build a rig and tune it for 9 mW for

next year. I already have a higher site picked out on top of a mountain.
Maybe around 1,700 feet, highest place in Berks County PA.

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Tue, 23 Sep 1997 22:31:27 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27325] AF #
Message-ID: <199709240239.WAA21639@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Len, boy did I mess up with the power! Didn't change
the score but I feel stupid! 1+1 = 3 Hi Hi

I checked my notes and the # was AF23. I will check it out
and let U know what it means.

73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Tue, 23 Sep 1997 22:36:53 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27326] Heard 9A during QRP Afield, too.
Message-ID: <199709240234.WAA135086@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

I also heard the 9A station calling CQ and called about 6 or more times,
also swing and a miss.

72 Kevin N2T0
kfglynn@prodigy.net

Date: Tue, 23 Sep 1997 21:19:11 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-l@Lehigh.EDU
Subject: [27327] anecdotal question
Message-ID: <3.0.1.32.19970923211911.006dc810@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings,

OK, I listened carefully most of the weekend and the only stations
I hear in Vermont are participating in pileups at the DX end of the bands.
Now, statistically, I expect the last state I need for WAS to be difficult
to get, since it eluded the other 49 in getting caught.

My question is this - has any Vermont station had difficulty bagging
Colorado ??? BTW, my antenna is one of those non-resonant antennas - I threw
about 300 feet of wire 55 feet in the Pines and center fed it with some length
of ladderline. Is my terribly non-resonant antenna my problem (tongue in
cheek
here)???

72 - john - n0hj

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454 FISTS #3184
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

Date: Tue, 23 Sep 1997 22:27:32 -0500
From: ed crowell <w5twr@rconnect.com>
To: Bill Meara <wmeara@erols.com>
Cc: qrp-1@Lehigh.EDU
Subject: [27328] Re: Beefing up the Sudden RX
Message-ID: <3.0.16.19970923214029.45e77066@rconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:03 AM 9/23/97 -0400, you wrote:

```
>Thanks Ed.  I'm using a similar circuit on my other HB RX.  FET preamp
>ahead of the 386.  Not much room on the Sudden board so I may have to add
>something after the 386.  Maybe I'll drop the gain down (pull cap from pins
>one to 8) and then put a 386 after it.  >
>73 de N2CQR
>Bill Meara, Falls Church, Virginia
>
```

hi bill, me again. i understand what you want to do. i put the pre-amp on a small circuit board no larger than a postage stamp and stuck it on the back of the volume pot. i simply pulled the coupling capacitor off the main board and used the lands to connect input and output for the daughter board. it didn't really take up much space.

on another idea, take a look at Dan Wessels recent qst article in the october 97 issue. at the bottom of page 34, he says he used an instrumentation amp called AMP04FP instead of the bipolar preamp or another op amp. the advantage was that he got common mode rejection of more than 80 db in his DC receiver. this was a problem with my 49'er when propagation allowed foreign broadcast to reach my location. perhaps the amp04 would help you even more than a second LM386. see what you think of Dan's idea. Sounds interesting to me but i haven't tried it yet.

good luck es 72, ED, W5TWR

Date: Tue, 23 Sep 1997 22:51:12 -0500
From: Conard Murray <ws4s@InfoAve.Net>
To: qrp-1@Lehigh.EDU
Subject: [27329] PC layout for audio filter needed
Message-ID: <01I00103MAHC90G76H@InfoAve.Net>
MIME-version: 1.0
Content-type: multipart/alternative;
boundary="-----=_NextPart_000_0000_01BCC873.308A5E60"

This is a multi-part message in MIME format.

-----=_NextPart_000_0000_01BCC873.308A5E60
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello,

Does anyone out there have a layout for an active audio filter using a =
dual or quad op-amp that they would be willing to share? I am getting a =
PC board lab set up at work and I need a circuit to test with and =
I might as well make something useful!=20

Thanks and 72,

de Conard, WS4S

R&D Engineer, EE Dept., Tennessee Tech University, Cookeville, TN

-----=_NextPart_000_0000_01BCC873.308A5E60
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1008.3"' name=3DGENERATOR>
</HEAD>

<BODY bgColor=#ffffff>
<P> Hello,</P>
<P>Does anyone out there have a layout for =
an active=20
audio filter using a dual or quad op-amp that they would be willing to =
share? I=20
am getting a PC board lab set up at work and I need a circuit to test =
with=20
and I might as well make something useful!
<P>Thanks and 72,
<P>de Conard, WS4S
<P>R&D Engineer, EE Dept., =
Tennessee Tech=20
University, Cookeville, TN
<P> </BODY></HTML>

-----_NextPart_000_0000_01BCC873.308A5E60--

Date: Wed, 24 Sep 1997 00:09:01 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@lehigh.EDU
Subject: [27330] Heathkit Manuals/Heathkit Reflector
Message-ID: <19970923.110508.7495.10.n4so@juno.com>

A reminder: Heathkit has it's own Heathkit Mailing List Reflector which
was reported here a few weeks ago and
the listserver was tested here and it worked.
There are several sources for Heathkit manuals. A saved text file on
this computer lists the sources. Another file has the mailing list
info/.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Wed, 24 Sep 1997 00:37:03 -0500
From: ed crowell <w5twr@rconnect.com>
To: K5BDZ@aol.com
Cc: w5twr@rconnect.com
Subject: [27331] Re: Beefing up the Sudden RX

Message-ID: <3.0.16.19970924003600.34777506@rconnect.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:03 AM 9/23/97 -0400, you wrote:

>Ed

>Thanks for the credit.

>Bill, K5BDZ

>

hi bill, you are very welcome. I am in your debt. thank you for the help you provided me by publishing your article. i think this is exactly the point. the group is stronger than the individual by bringing us together. that.s why we all enjoy being part of it!

72, ed, W5TWR

Date: Wed, 24 Sep 1997 07:34:56 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: w5hvv@aeneas.net, qrp-1@Lehigh.EDU
Subject: [27332] Re: tube rigs
Message-ID: <19970924073453.AAA11467@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:48 AM 9/23/97 +0000, you wrote:

>on all modern electrical outlets is an AC return and provides assurance
>that the chassis or ground buss is not "hot" in relation to any other
>grounded equipment. With a VOM, the "hot" lead on the 3-wire AC line was

Hi Guys,

Don't want to spread too much gloom and doom, but please be very careful about should be, alway, and so forth. There are a lot of folks out there that think they can change a resepticl but do not realize the signifigance of the wire colors. It's best to install polarized receptacles in the shack test every one twice and then use polarized plugs on all projects and check them twice as well.

(o o)

-----o00_()_00o-----
73 es TNX Advanced, W5YI VE, ARRL Member
KE4QOK KE4QOK@worldnet.att.net
Bob ke4qok@juno.com

136 Hermitage Road
Newport News, VA 23606
(757)930-0348

When the student is ready.....
The teacher will appear.

Date: Wed, 24 Sep 1997 07:39:02 -0400
From: "Kevin F. Glynn" <KFGlynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [27333] CQ HI CQ HI/Would like sked with HI
Message-ID: <199709241136.HAA72156@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

In my quest towards WAS CW I need Hawaii at this point. Are any members of the QRP-L from Hawaii who'd like to try a sked? If so, do you know what time of day UTC propagation is best to the East Coast, my QTH is New York City.

Thanks alot.

72 Kevin N2T0
kfglynn@prodigy.net

Date: Wed, 24 Sep 1997 21:51:00 +1000
From: John Bates <batesjw@netspace.net.au>
To: qrp-l@Lehigh.EDU
Subject: [27334] QRP'ing
Message-ID: <3428FEA4.DC71C29A@netspace.net.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi there all,

The name is John from down under land.

I am getting into QRPing here in Aussie and am currently a member of the "LO-KEY" CW Operators' QRP Club, # 456, which many an Americal amateur is also a member.

I thought I would just say hello to you all out there and hope that one day I may actually be able to work some of you QRP. The bands will be opening with good comms soon (a year or two maybe) so there is hope.

Secondly, I would ask of you out there, with more knowledge than I, as to where I can lay my hands on some 20 metre and 40 metre QRP rig designs (homebrew or kitform).

I currently have built an 80 metre QRP rig with an output of 1 watt (750mw at the ae.), and I have miniturised it so that it actually fits into your shirt pocket. The largest component is the 259 AE connector, which I used so that I could tap into my pre-existing aerial runs.

Well I look forward to hearing from some of you out there and I wish you all the best and
73's for now..

Contact can be had on

batesjw@netspace.net.au
batesjw@southcom.com.au or
vk7rt@qsl.net

John

Date: Wed, 24 Sep 1997 08:23:58 EDT
From: w4bws@juno.com (Donald E Sanders)
To: w7ls@brigadoon.com
Cc: qrp-1@Lehigh.EDU
Subject: [27335] Re: BC-611 WW2 HT (QRP) wanted
Message-ID: <19970924.083543.2319.2.W4BWS@juno.com>

Jim, if all else fails, try Dennis Stark PO Box 95, Cross Timbers, Mo 65634
417-998-6517, voice or fax, Email to: military-radio-guy@juno.com
ennis collects, tr4ades, and sells all kinds of surplus.
Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

On Mon, 22 Sep 1997 22:47:36 -0700 (PDT) Jim W7LS <w7ls@brigadoon.com> writes:

>Hi, gang. I'm looking for a BC-611 handie-talkie from World War 2.
>They were
>on HF, somewhere around 80 meters. AM, I think. Dang low power, too.
>Tubes,
>of course. Wierd batteries, too.
> Tnx/73 de Jim, W7LS
>
>P.S. I'd also like to get a schematic for one.
>
>
>

Date: Wed, 24 Sep 1997 08:36:43 -0400
From: Jeff & Bea Hahn <jhahn@bellatlantic.net>
To: qrp-1@Lehigh.EDU
Subject: [27336] Sked to HI
Message-ID: <3429095B.6468@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The last state I need for WAS CS is also HI. All assistance would be greatly appreciated. My QTH is VA.

Jeff Hahn, KR4YS
Great Falls, VA

Date: Wed, 24 Sep 97 08:35:48 PDT
From: gregoire@endor.com
To: Low power amateur radio discusion <qrp-1@lehigh.EDU>
Subject: [27337] IARU BEACON POSTING
Message-ID: <Chameleon.970924084116.GREGOIRE@Gregoire.endor.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

IARU BEACON NETWORK

POSTING BEACONS HEARD @ AA1IK Canaan NH.

date of observation

September,24 1997

1200 hrs. UTC

QTH LOCATED AT 43.37.35 N, 72.01.15 W

de AA1IK for the QRP community

SOLAR FLUX=93 A INDEX=3 K INDEX=1

SLOT	COUNTRY	CALL SIGN	20 M	17 M	15 M	12 M	10 M
	(Beacon Frequency)		14.1	18.11		21.15	24.93
	28.2						
1	USA (east)	4U1UN	-	4	3	-	-
2	CANADA	VE8AT -	-	-	-		
3	USA (west)	W6WX	-	-	-	-	
4	HAWAII	KH6W0 2	-	-	NOBCN	-	
5	NEW ZEALAND	ZL6B	-	-	-	-	
	(Beacon Frequency)		14.1	18.11		21.15	24.93
	28.2						
6	AUSTRALIA	VK6RBP 2	-	-	-	-	
7	JAPAN	JA2IGY	3	-	-	-	
8	RUSSIA	OPEN					
9	CHINA	OPEN					
10	SRI LANKA	4S7B	-	-	-	-	
	(Beacon Frequency)		14.1	18.11		21.15	24.93
	28.2						
11	SOUTH AFRICA	ZS6DN	2	4	-	-	
12	KENYA	5Z4B	2	-	-	-	

13	ISRAEL	4X6TU	-	-	-	-	-
14	FINLAND	OH2B	1	1	-	-	-
15	MADEIRA	CS3B	2	2	1	-	-
16	ARGENTINA	LU4AA	2	2	1	-	-
17	PERU	OA4B	2	1	-	-	-
18	VENEZUELA	YV5B	1	-	1	-	-

SPECIAL NOTE

The beacons are precisely timed to transmit every three minutes for ten seconds each so you can get a good idea about the propagation for your location each day at a particular time of day.

This is especially important for QRPers.

As an example: If you hear 5Z4B at the 1 watt level, you then know that the Kenya area is ripe for a QRP contact.

They also transmit tones at 4 different power levels. These levels are 100 watts, 10 watts, 1 watt and 100 mw. This is a lowering of output power by 10 db from the previous level.

The call sign and the first tone following the call sign are sent at 100 watts. Each successive tone is sent at the next lower power level.

In order to save space, a code number is substituted on this chart. The code is as follows,
 4=100 watts, 3=10 watts, 2=1 watt, 1= 100mw
 A - means this beacon was not heard on that particular frequency.

The chart assumes that if a 100 mw level is heard, then all previous levels were also heard. If the 10 watt level was heard then the 100 watt level is assumed by the chart to have been heard, but not the 1 watt or 100 mw. level.

In other words, only the lowest level heard, is posted.

The chart shows which beacon levels were heard at AA1IK. For example.

Slot	Country	Call sign	Freq.	Freq.	Freq.	Freq.
3	USA(west)	W6WX	14.1	18.11	21.15	28.2
		2	1	4	-	

Date: Wed, 24 Sep 1997 09:03:49 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [27338] More adventures in mobile QRP
Message-ID: <Pine.LNX.3.95.970924084207.28202E-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

At 1145z this morning, on the way into work, I got on 30m as propagation's been good lately.

Bingo - VK2AWD is calling CQ on 10.111, but he's kinda weak and with all this noise and traffic (Interstate 95, rush hour, north of DC)...

So I reply at a power level of 3w...and I get a 539! Turns out he's Dave, in Syndey, VK-lank, running 100w to a vertical (and I've got a shortened vertical on the car). Good QSO, lots of noise from the overhead high-tension wires at times and lots of RFI from certain other vehicles as they drive by.

So now I can say I've done it:

W3 - to - VK2, QRP mobile, on 30m, vertical-to-vertical!

The CQ almanac lists Washington, DC - to Canberra as 9900 miles; Sydney is about 150 miles NE of Canberra, and I'm 10 miles north of DC, for a distance of about 9,750 miles - now I REALLY feel like I can apply for the 1000 mile/watt award without guilt!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Wed, 24 Sep 1997 08:56:44 -0400 (EDT)
From: aa8yo@tir.com (Robert J. Fox)
To: qrp-l@Lehigh.EDU
Subject: [27339] Current Limiting PS
Message-ID: <199709241256.IAA24635@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Any recommendations with regards to a good, but not outrageously priced, current limiting PS. What do you experienced QRP kit builders and homebrew gurus use? I want to start getting the "equipment you really don't need to build the kit, but would be nice to have" stuff. Thanks in advance es 73.

Bob - aa8yo@tir.com

Date: Wed, 24 Sep 1997 08:07:26 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@lehigh.EDU
Subject: [27340] HI Sked
Message-ID: <3.0.3.32.19970924080726.006abc4c@pop.wwn.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I was told that on 40m the band opened up about 7:00pm their time. I have been trying to get HI on 40m for my WAS. I have already worked HI on 20m CW. I worked HI at 03:50 UTC on Aug 23rd. Hope this will help you guys out. Have a great day.

KB0PTE
Wayne

Date: Wed, 24 Sep 1997 09:12:05 -0400
From: Michael <MichaelN@cycat.com>
To: qrp-l mailing list <qrp-l@Lehigh.EDU>
Subject: [27341] Re: tube rigs
Message-ID: <342911A5.6BFF@cycat.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Having worked as an industrial electrician, I have seen all kinds of wiring. Houses are even worse than factories. It is so bad, that when I find something actually wired to code, I mark a big red checkmark on my calendar. :-)(

I regularly find outlets with no ground (even 3 prong outlets), hot and neutral reversed. I have even found the hot on the ground.

Please, ALWAYS check the wiring, and keep it safe.

michael N6CHV

KE4QOK@worldnet.att.net wrote:

>
> At 04:48 AM 9/23/97 +0000, you wrote:
>
> >on all modern electrical outlets is an AC return and provides assurance
> >that the chassis or ground buss is not "hot" in relation to any other
> >grounded equipment. With a VOM, the "hot" lead on the 3-wire AC line was
>
> Hi Guys,
>
> Don't want to spread too much gloom and doom, but please be very careful

> about should be, alway, and so forth. There are a lot of folks out there
> that think they can change a resepticale but do not realize the signifigance
> of the wire colors. It's best to install polarized receptacles in the shack
> test every one twice and then use polarized plugs on all projects and check
> them twice as well.

Date: Wed, 24 Sep 1997 10:06:48 EDT
From: ko7i@juno.com (Donald H Jones)
To: qrp-1@lehigh.EDU
Subject: [27342] RE: The Demise of CW
Message-ID: <19970924.070435.8015.1.ko7i@juno.com>

I've enjoyed the articulate exchange of opinions regarding the demise of CW. Last night was VE exam night for my team, we licensed 3 no-codes, and one upgrade to advanced. One 11 yr old dropped his element 2 exam :-(. I'm just pointing out what all VE's already know and see most every month.

I am not trying to sow discord in saying this, but I see one problem regarding this issue, we have been all preaching to the choir. The majority of us on this list are CW op's. I think when discussions such as "The demise of CW" comes up, we need to take these exchanges to the packet radio circuit too. Folks on the other side of the fence will read our messages.

Just something to think about, thanks for the bw, 72 gud dx.

Don Jones K07I ><>
ko7i@juno.com
Stanwood, WA

Date: Wed, 24 Sep 1997 07:14:39 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27343] Re: More adventures in mobile QRP
Message-ID: <Pine.SUN.3.90.970924071224.4068C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Scott and all,

Congratulations!

Everyone needs to find the lesson here.....

It's "TRY"!

Don't worry about all the fancy sun spots, time of day, year and all the other things that can tell you that condx are bad and that you can't work anyone.....just get on and give people a call!

You just never know what's going to work!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 24 Sep 1997 07:25:00 -0700 (PDT)
From: Monte Stark <ku7y@sage.dri.edu>
To: Michael <MichaelN@cycat.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [27344] Re: tube rigs
Message-ID: <Pine.SUN.3.90.970924071924.4068E-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Sep 1997, Michael wrote:

> I regularly find outlets with no ground (even 3 prong outlets), hot and
> neutral reversed. I have even found the hot on the ground.
>
> Please, ALWAYS check the wiring, and keep it safe.

Something else that I would like to mention for the newcomers....

Whenever you make a safty check with a volt meter and show no reading, also measure something "hot" to be sure your meter is really working!

Get in the habit of doing this everytime you use your meter.

I have seen people assume that because their meter said zerro, a circuit was off but they soon found the error of their ways!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 24 Sep 1997 10:31:46 EDT
From: w4bws@juno.com (Donald E Sanders)
To: MichaelN@cycat.com
Cc: qrp-l@lehigh.EDU
Subject: [27345] Re: tube rigs
Message-ID: <19970924.104320.2319.6.W4BWS@juno.com>

I echo these remarks. My house built 1960 era, has Romex 2 wire throughout and I have found outlets that are warm when you put your hand over the plate and nothing plugged in(found loose screws on outlets and the side plates of outlets used to interconnect the circuits).

In replacing the duplex outlets with 3 wire outlets, found many didnt have third wire connected to the box or outlet. I have added the third wire throughout the house by running a wire up the wall, into the attic, and tied them all together and to the power incomming at the service panel.I also verified every outlet was wired to code for the black and white wire.I had to slpit the kitchen circuitssso the coffee maker being on with the refrig would not kick the breaker. This required splitting 6 circuits that all joined in the center kitchen ceiling light outlet box. A three weekend job, but easier than rewiring the whole house.

I found the problem when the lights turned on when the refrigerator cycled on indicating a lost neutral and the refrig completed the series circuit across the 220 line- that took some head scratching.

So dont depend on the electrician who wired your house-he may have been an apprentice!

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satelllite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com
My favorite QRP rig glows in the dark

On Wed, 24 Sep 1997 09:12:05 -0400 Michael <MichaelN@cycat.com> writes:
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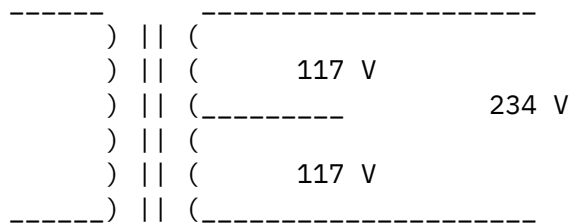
>a big
>red checkmark on my callendar. :-)(
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>> of the wire colors. It's best to install polarized receptacles in
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>> test every one twice and then use polarized plugs on all projects
>and check
>> them twice as well.
>
>

Date: Wed, 24 Sep 1997 10:32:10 +0000 (GMT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@Lehigh.EDU
Subject: [27346] Re: tube rigs
Message-ID: <199709241032.KAA03139@okcforum.org>
Content-Type: text

> I found the problem when the lights turned on when the refrigerator
> cycled on indicating a lost neutral and the refig completed the series
> circuit across the 220 line- that took some head scratching.

I was but a lad of 16 years age, when I diagnosed a similar problem. My mother came knocking on the door to my room one day, saying that she imagined that if anyone could figure out the problem she was having, I could. She had observed that the lights in the house were varying in intensity as appliances turned on and off. The thing that had me really scratching my head about it, was that if I stood in certain parts of the house, I could see one light dim, and another light get brighter, when anything that drew much current went on or off. Eventually, I realized that my observations could be explained if I assumed that the neutral wire had somehow become disconnected from the power lines.

In case any of our readers still aren't catching on about how this works... Household wiring here in the US typically provides a nominal 117 volts, with a nominal 234 volts optionally available. This is achieved through the use of a center-tapped transformer.



(Note: The above diagram is best viewed using a font with fixed spacing, such as Courier.)

The two outer conductors on the output side of the transformer are called the "hot" wires, and the center-tapped conductor is called the "neutral" wire. The neutral wire is connected to ground. The voltage between the two hot wires is 234 volts, and the voltage between the neutral wire and either hot wire, is 117 volts.

Polarized plugs have one prong which is wider than the other (in case anyone reading the posts about using the power lines for B+ has been wondering what everyone was talking about). This wider prong is the one which is supposed to be connected to the neutral (grounded) side of the 117 volt circuit. Electrical equipment is supposed to be designed so that, wherever ground matters at all (for shielding purposes, or to assure that any part of the circuit which the user might accidentally connect with is at ground potential) the power conductor connected to the wider prong is assumed to be the one also connected to ground.

What I had observed could be explained by assuming that the center tap of the power transformer's output had somehow been disconnected. As a result, devices connected to either 117 volt side of the house wiring, were connected in series with devices connected to the other side, without any center-tap return. As long as the load on both sides was fairly evenly balanced, each side would still have around 117 volts across it. However, as the load shifted, so would the voltage across each side, with each side seeing a voltage inversely proportional to its load. (As the load increases, the effective resistance of the load decreases. When this reduced resistance is connected in series with the higher load resistance on the other side, the result is more voltage drop across the side with the higher resistance, or lighter load.)

So, I called the power company, and asked them to come have a look at things. When they arrived, I was surprised to find that my explanation of what I thought had gone wrong was met with cold hostility. I was told something along the lines of, "Look, son, you let us do our job, and just stay out of the way. WE'LL decide what's wrong here." And boy did that guy ever mumble when after they were finished, I asked what they'd found, and he had to tell me it was a loose connection to the neutral wire on the pole next to the transformer! :)

--Jim WB5UDE

Date: Wed, 24 Sep 1997 10:40:35 +0000 (GMT)
 From: Jim Glover <psykey@okcforum.org>
 To: qrp-1@Lehigh.EDU
 Subject: [27347] Re: tube rigs
 Message-ID: <199709241040.KAA03183@okcforum.org>
 Content-Type: text

> In case any of our readers still aren't catching on about how this
 > works... Household wiring here in the US typically provides a nominal
 > 117 volts, with a nominal 234 volts optionally available. This is
 > achieved through the use of a center-tapped transformer.

```
>
> -----
>      ) || (
>      ) || (      117 V
>      ) || (----- 234 V
>      ) || (
>      ) || (      117 V
> -----) || (-----
```

>
> (Note: The above diagram is best viewed using a font with fixed
> spacing, such as Courier.)
>
> The two outer conductors on the output side of the transformer are
> called the "hot" wires, and the center-tapped conductor is called the
> "neutral" wire. The neutral wire is connected to ground. The voltage
> between the two hot wires is 234 volts, and the voltage between the
> neutral wire and either hot wire, is 234 volts.

Oops...I boo-boo'ed here, of course... the voltage between the neutral
wire and either hot wire, is 117 volts.

Date: Wed, 24 Sep 1997 11:51:06 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [27348] Re: anecdotal question
Message-ID: <342936EA.3942@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I still need W0 on 10 GHz--or even W8 for that matter
--Zack W1VT 8 states on 10 GHz--9 from MA

Date: Wed, 24 Sep 1997 10:57:53 -0500
From: Jim <kj5tf@mctc.com>
To: qrp-l@Lehigh.EDU
Subject: [27349] Arkansas 40M QRP net
Message-ID: <34293881.74D5@mctc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another fun evening last night, among the check in's were W4ED, WA1QVM,
KJ3V, and K5PSH.

I was parked in a cemetery outside of Fayetteville, AR. I got a decent
(579), report too running my QRP+ 4w to a Hamstick.

We've had 5 - 7 check in's per net in the 3 weeks we've had the net -

So, mark your calendar for next tuesday september 30th 7:30PM central, or 00:30Z UTC wednesday. On 7.042-43Mhz.

Date: Wed, 24 Sep 1997 11:00:39 -0500
From: AA0QX <AA0QX@prodigy.net>
To: qrp-l@Lehigh.EDU
Subject: [27350] St. Louis Vertical
Message-ID: <34293927.4DF0@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Decided to make some changes. I used a 7 foot wood pole to elevate the fishing pole (1 foot inside of an 8 foot dowell 1 1/4 inch in diameter). Then I removed twinlead from the bottom of the fishing pole till the antenna was resonant at 7.040. This also elevated the four radials, which I believe improved performance as well.

72 de Austin NE50

Date: Wed, 24 Sep 1997 09:08:21 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: wb3aal@talon.net
Cc: grp-l@Lehigh.EDU

Subject: [27351] Re: AF #
Message-ID: <199709241608.JAA29566@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:31 PM 9/23/97 -0400, you wrote:

> Hi Len, boy did I mess up with the power! Didn't change
> the score but I feel stupid! 1+1 = 3 Hi Hi
>
> I checked my notes and the # was AF23. I will check it out
> and let U know what it means.
>
>

That was part of the exchange in the USAF 50th Anniversary
contest...signifies that the sender was a member of the USAF for 23 years.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

33.334500N -111.87260W

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=7

Date: Wed, 24 Sep 1997 09:20:16 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: KFGlynn@prodigy.net
Cc: qrp-l@lehigh.EDU
Subject: [27352] Re: CQ HI CQ HI/Would like sked with HI
Message-ID: <199709241620.JAA09991@usr04.primenet.com>

Howdy,

Kevin (N2T0) wrote:

>
> In my quest towards WAS CW I need Hawaii at this point. Are any members of
> the QRP-L from Hawaii who'd like to try a sked?

Actually your *best* bet for HI may not be a sked. Listen
around the QRP calling freqs on 20/40m for KH6AFS. I've
worked him twice and heard him many more times.

Why is he your best bet? He's running QRP into a monster

rhombic. If you can hear him, he can hear you (though his rhombic is aimed SSE...). Ask around for spots. Bet you'll find him sooner than you think. Either way, good luck!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

Date: Wed, 24 Sep 1997 11:52:27
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [27353] working with SMT parts
Message-ID: <3.0.1.16.19970924115227.1d57e618@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

The question was asked as to what tools you need for SMT work. I've been doing a little playing around with SMT and here is my experience.

You need a good pair of tweezers! Ones with a fine point.

You need a good magnifying glass or a lamp with one built in.

For a soldering iron, if you have a reasonably good one now, that is probably all you need. I use my trusty all round Unger 23 watter with a 1/4" chisel tip. You might want to go to a smaller tip, say the 1/8" one.

Placing and soldering the chip caps, resistors and such are a piece of cake. Easier than through hole, as you don't need to keep flipping the board over and clipping leads.

I tin one pad, place the part and solder the tinned side. Once it's stuck, solder the other end. Takes 10 seconds.

IC's are a bit harder to do. A little beeswax can be helpful to keep the part in place on the board, as you must make sure the leads are lined up good with the pads on the board.

For IC's, I tin the pads first and then wick them clean. Line up the chip and then tack the corner leads first. Double check the alignment, as it may

have shifted when you tacked the corners. Then with a well wetted tip, tack the rest of the leads. You may then have to remove shorts between the leads with wick.

Removing chip caps and such is easy. With a wide tip, heat up the whole part and it will slide off. Removing IC's is almost imposable with out distroying the part or the board. If I need to recycle the IC's and don't care about the board, I heat it up on a hot plate until the solder melts and can pull the parts off with tweezers.

Hope this gives you an idea of how to use SMT parts. It really isn't that hard and in some respects easier than all through hole. Nothing to be afraid of, just one more skill to practice and learn. I'm afraid though, that our friends who suffer with Parkinsons will not be able to do SMT. A steady hand is a must.

Oh, and if anyone has a nice 20 power binocular microscope they would sell cheap, I want one!!!

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 24 Sep 1997 11:48:00 -0500 (CDT)
From: Addi Pittman <cornea@vsta.com>
To: qrp-1@Lehigh.EDU
Subject: [27354] QRP Tuner kit
Message-ID: <199709241648.LAA16631@rivendell.vsta.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would like to build a tuner kit for qrp.Ive heard of the St. Louis tuner. Can someone tell me where to obtain information on this kit or suggest other tuner kits to look in to.

Thanks,Bob KKC5HLO

Date: Wed, 24 Sep 1997 09:50:05 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [27355] Re: tube rigs
Message-ID: <342944BD.6964@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Regarding house wiring. I always use one of those house wiring checkers. About \$5.00 US at most larger hardware or utility stores carrying extension cord and such.

These checkers have 3 lights that turn on when plugged into the receptacle. A plate permanently affixed decodes what combination of lights means. OK, open neutral, Hot switched etc. Cheap insurance.

I bought a brand new townhome back in 1986 and found 5 outlets mis-wired. Especially when outlets were on a common circuit and chained. Additionally, the light switches are easy for installers to mess up if they are 'multi-state', such as top/bottom of stairways where either switch controls a common light fixture/array.

In my current rental, found two open grounds with the test device.

Reversed common/Hot is common in Stove and Refrigerator connections. Can't count how many times I touched the stove and refrigerator at the same time, getting a tingle.

So go spend the \$5 bucks and test out the house.

And never, ever build anything that would be dangerous if common/hot were reversed! Expect that to happen.

My \$.02 at 60 Hz. Frequency may vary. Warranty excludes Tax, lic, DOC fee. Operation without brain voids contract.

-Ed Loranger

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 24 Sep 97 9:59:06 PDT

From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: qrp-1@Lehigh.EDU (qrp)
Subject: [27356] ZK1XXP
Message-ID: <9709241659.AA06615@wizard.ucs.sfu.ca>

Was wondering how others on the list were doing with the ZK1?
This is one the we on the left coast have an easier time with.
My score so far cw - 17, 20, 30 qrp had to go qro for 40 and 80 grrrrrrrr
ssb 15 and 20.

cheers, Paul
ve7cqh
email: paul1@wizard.ucs.sfu.ca

Date: Wed, 24 Sep 1997 10:09:19 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: cornea@vsta.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27357] Re: QRP Tuner kit
Message-ID: <3429493F.3312@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Addi Pittman wrote:

>
> I would like to build a tuner kit for qrp.Ive heard of the St. Louis tuner.
> Can someone tell me where to obtain information on this kit or suggest other
> tuner kits to look in to.

>
> Thanks,Bob KKC5HLO

EMTECH ZM-1:
<http://www.isomedia.com/homes/starbuck/emtrevcov.htm>

--
72's / 73's..... Rich
Rich Wilkerson, WD6FDD, Santee, Ca.

Date: Wed, 24 Sep 1997 10:19:42 -0700

From: Ed Loranger <we6w@qsl.net>
To: k1oj@swbell.net
Cc: qrp-l@Lehigh.EDU
Subject: [27358] Re: CW learning info wanted
Message-ID: <34294BAE.4B38@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy! What a neat site!!!!!!!!!!!!!! Thanks O.J.

I'm so busy reading about making enclosures, under the 'Tech Topics' link, I've yet to start looking for the High-Speed CW techniques.

Thankyou so much for sharing this well-formatted, useful site.

-Ed Loranger

k1oj@swbell.net wrote:

>
> Howdy from Texas Ed...
> I have been following your posts on learning CW. Check out this link.
> <http://www.flash.net/~nars/>
> Click on the contest section and you will find a little info on learning
> cw. Good luck and have fun.
> CU---OJ---K10J

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
<mailto:we6w@qsl.net> <http://www.qsl.net/we6w>

Date: Wed, 24 Sep 1997 13:33:30 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@lehigh.EDU>
Subject: [27359] Re: GQRP - QRP Quarterly
Message-ID: <Pine.LNX.3.93.970924133150.863N-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Sep 1997, Tony Fishpool wrote:

> Is anyone as amazed as I am. QRPQ dropped on the mat
> yesterday just three days after being posted and before

Hmmm... still didn't show up here in one of the original thirteen colonies, are ya sure it didn't take three months to get there :)

```
-- Chris Cartwright,   Technical Engineer   |       ccart@vidtel.com       --  
-- N3XRV               QRP WAS 17/9 (w/c)   |       ccart@erols.com       --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --
```

Date: Wed, 24 Sep 1997 10:33:07 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.EDU>
Subject: [27360] Re: CW learning info wanted
Message-ID: <34294ED3.272C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh, does anyone know what I can do to learn CW at the 50+ WPM rate? I'm currently pencil copying 90% at 35 wpm and cant hear the high-speed club on 7025 KHz. So I've been listening QRQ stations like I would music. Been getting good Head copy up to about 42 WPM.

I want to do this right -- no bad habits, I know others have succeeded going to 70+ wpm. I especially want to see how fast is possible on a keyer. Don't care to use keyboard, been there, done that. Besides, I'm not packing a keyboard with my QRP rigs!

HI! Tks all/de Ed L.

Ed Loranger wrote:

>
> Boy! What a neat site!!!!!!!!!!!!!! Thanks O.J.
>
> I'm so busy reading about making enclosures, under
> the 'Tech Topics' link, I've yet to
> start looking for the High-Speed CW techniques.
>
> Thankyou so much for sharing this well-formatted,
> useful site.

>
> -Ed Loranger
>
> k1oj@swbell.net wrote:
> >
> > Howdy from Texas Ed...
> > I have been following your posts on learning CW. Check out this link.
> > <http://www.flash.net/~nars/>
> > Click on the contest section and you will find a little info on learning
> > cw. Good luck and have fun.
> > CU---OJ---K10J
>
> --
> 72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
> HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
> QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
> <mailto:we6w@qsl.net> <http://www.qsl.net/we6w>

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
<mailto:we6w@qsl.net> <http://www.qsl.net/we6w>

Date: Wed, 24 Sep 1997 12:18:48 -0700
From: laura halliday <ve7ldh@direct.ca>
To: qrp-l@Lehigh.EDU
Subject: [27361] Re: working with SMT parts
Message-ID: <34296798.651DE97E@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SMT is easy to work with. You need a soldering iron with a fine tip (I file mine down) and a well-lit work area. If you're not nearsighted, a magnifier of some sort may be helpful. Add tweezers, forceps, etc. as needed.

The technique of tinning one pad, positioning the part, reflowing the solder, and then soldering all the other pads is a good one, and it works on ICs too. The books say to use a toothpick to hold the part down, but I prefer a long fingernail, which also gives feedback (OUCH!) on the temperature of the part. :-)

The pros use hot air and solder paste, which I haven't tried yet.

I've heard people swear by the Weller PyroPen Junior with the hot air tip for small-scale contruction and rework. Maybe for my next project?

Removing parts is easy. For small stuff, I use two irons like tongs to simultaneously melt the solder and lift the part off the board. If the IC is expendable, cut the leads and clean up the mess. If you want the IC, use a hot air gun (e.g. a paint stripper). The parts are designed for reflow and wave soldering, so they're hard to cook.

Have fun!

...laura

Date: Wed, 24 Sep 1997 12:20:50 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@lehigh.EDU
Subject: [27362] Want crystal for 3710 KHz
Message-ID: <199709241920.MAA25479@k2.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi. I'm looking for a crystal or two for 3710 KHz. Also a couple of other freqs. I'll list them here:

3710
3915
3960
3970

Tnx/73 de Jim, W7LS

Date: Wed, 24 Sep 1997 12:20:52 -0700 (PDT)
From: Jim W7LS <w7ls@brigadoon.com>
To: qrp-l@lehigh.EDU
Subject: [27363] Silver contacts
Message-ID: <199709241920.MAA25493@k2.brigadoon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi, gang. Been getting lots of envelopes. I'll wait just a few more days to make sure they all got here and then zap them all out together.

73 de Jim, W7LS

Date: Wed, 24 Sep 1997 15:33:46 -0400
From: "Brad Mitchell" <bmitchel@kodak.com>
To: <qrp-1@lehigh.EDU>
Subject: [27364] Re: working with SMT parts
Message-ID: <9709241931.AA05572@iiatasun.cba.Kodak.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

One method for removing parts that I have never tried, but heard of was told to me by a person that repiars VCRs all day long.

Piano wire., the fine stuff.

slide under ic, pull against legs on one side, and heat.
Pull under legs of ic , repeat on other side..
Sounds interesting.. But then we're building things, not taking them apart..

73 Brad
WB8YGG

Date: Wed, 24 Sep 1997 15:37:42 -0400 (EDT)
From: TMcfadden@aol.com
To: qrp-1@Lehigh.EDU
Subject: [27365] To CW or not to CW that is the ?
Message-ID: <970924152920_37031038@emout19.mail.aol.com>

To the List,

I have, over the passed couple of days, been following the "CW, No CW" Thread and just had to put in my humble \$0.02 worth. First, I am a General Class over here in Germany. My Gen Lic gives me all band privilages so my slow 13

wpm gave me alot over here. I am still CW shy even though I have worked in the Army with SF. But that aint the point. My point is I repect those of you that can copy CW when it sounds like a digital burst transmission. I learned this respect by watching a old Special Forces Commo Chief sit and smoke a cigarette, drink coffe, talk and send 18 five letter groups per minute. If that did not make it amazing enough he was off-line encoding the transmission. For those of you that may not know the system. We were issued code books with 60 groups of 5 letters. The clear text was written over the pad groups and the result of the combination was the Coded text. I.e. B and F gave you T, and so on. This commo dude could do all of this. He was like a machine. My respect is just as high for those machines out there on this list and to those who get on the air with 5 to 10 wpm. CW is an art. If it lives or dies , it is up to us. Now, I will put my army boots back in the foot-locker and shut up.

Tim McFadden " When the ballon goes up. HF will be all we have"
KB2RLB / DA2TF

Date: Wed, 24 Sep 1997 13:03:12 -0700
From: Ed Loranger <we6w@qsl.net>
To: bmitchel@kodak.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27366] Re: working with SMT parts
Message-ID: <34297200.4F74@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Excellent Post, Brad! Multiple leads on a component always represent a challenge. Back in my assembler days I had to remove a PC board mounted RF connector. It had four pins soldered to a ground plane, and the connector was heavy enough to absorb any heat applied to individual legs. Nearly impossible to remove in the normal fashion.

Then a fellow assembler walked over, and in about 20 seconds removed the connector. "What the... How the...; Show me!", Was my response.

You melt solder in a pool over all 5 pads, the 4 ground and center pin. It all heats up and the connector falls to the anti-static mat on the table.

Board looked brand new and the pads were FB. No trace of

lifting, etc. I will never forget this technique.

This qrp-l group is informative! Thanks again Brad and all the rest of you.

-Ed Loranger

Brad Mitchell wrote:

>
> One method for removing parts that I have never tried, but
> heard of was told to me by a person that repiars VCRs all day long.
>
> Piano wire., the fine stuff.
>
> slide under ic, pull against legs on one side, and heat.
> Pull under legs of ic , repeat on other side..
> Sounds interesting.. But then we're building things, not taking them
> apart..
>
> 73 Brad
> WB8YGG

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VF0.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 24 Sep 1997 12:48:32 -0700
From: wager@juno.com (James W. Cates)
To: qrp-l@Lehigh.EDU
Subject: [27367] 38S Kits: Sold Out
Message-ID: <19970924.130546.3966.3.wager@juno.com>

Doug and I thank all of you who have made the 38 Special the success that it is. The run of 2,000 kits is completed, sold out, and no more are planned. Rather, it is on to the next NorCal club project, to be introduced next month.

I am mailing the last of the kits now, and will be finished this week. Checks will be returned as required.

Thank you, one and all!

jim, WA6GER and Doug, KI6DS.

Date: Wed, 24 Sep 1997 13:14:55 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-1@Lehigh.EDU
Subject: [27368] Virtual Pacificon??
Message-ID: <3.0.1.32.19970924131455.006e99d8@telis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jerry Parker the erstwhile NorCal Web Page guru has done it again. He has made arrangements to do coverage of the QRP Forums semi-live on the webpage. Bascially what will happen is that Jerry will set up his digital camera and it will take pictures every few minutes and upload them to the website where you can view them, almost in real time. It won't be possible this year but maybe in the future we will have the capability of having real time video from Pacificon. Think of the possibilites. Bill Jones, KD7S can do a demo on building cases, Chuck can show us how to copy and send code, Paul Harden can show us how to trouble shoot a rig, Dave Meacham can show us how to fine tune our kits and get more power out. Gary Surrency can demonstrate how to do all those mods on the 38 Special. When we sell a NorCal kit we give the NorCal Website address and the builder goes to the web site and calls up a video that shows you exactly how Chuck builds prototype #1..... It boggles my mind. 72, Doug, KI6DS

Date: Wed, 24 Sep 1997 13:10:39 -0700
From: Ed Loranger <we6w@qsl.net>
To: TMcfadden@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27369] Re: To CW or not to CW that is the ?
Message-ID: <342973BF.791B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brings a tear to my eye Tim. And a wonderful memory.

I used to listen to 3 receivers at once, snagging morse code. Had stereo headphoned and selectable receivers for each ear. Also had the third radio, mine, in front of me.

Just drop the phones around the neck, listen to one net in the left ear, other in the right, and with your 'spacially perceptive 3rd ear (Left/Right) you pick up the 3rd net.

Bring lots of coffee! Linefeed/Letters on the TTY lots of fun too.

-Ed L.

TMcfadden@aol.com wrote:

<snip intro..>

> My point is I repeat those of you
> that can copy CW when it sounds like a digital burst transmission. I learned
> this respect by watching a old Special Forces Commo Chief sit and smoke a
> cigarette, drink coffee, talk and send 18 five letter groups per minute. If
> that did not make it amazing enough he was off-line encoding the
> transmission.

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 24 Sep 1997 14:10:31 -0600
From: Niel Skousen <nskousen@scientechnology.com>
To: qrp-l@Lehigh.EDU
Subject: [27370] Re: 38S Kits: Sold Out
Message-ID: <3.0.3.32.19970924141031.006a993c@eaglerock.if.scientechnology.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow, a 2000 piece kit run

Nice work Jim, have you scheduled your vacation from Norcal :-)

Niel

At 12:48 PM 9/24/97 -0700, you wrote:

>Doug and I thank all of you who have made the 38 Special the success that
>it is. The run of 2,000 kits is completed, sold out, and no more are
>planned. Rather, it is on to the next NorCal club project, to be
>introduced next month.

>

>I am mailing the last of the kits now, and will be finished this week.

>Checks will be returned as required.

>
>Thank you, one and all!
>
> jim, WA6GER and Doug, KI6DS.
>
>

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

Date: Wed, 24 Sep 1997 13:20:13 -0700
From: David Smith <qrp-dave@ocsnet.net>
To: QRP-L@lehigh.EDU
Subject: [27371] Tube QRP rigs
Message-ID: <B0000021646@ntserv1.ocsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys and gals! I have been watching the postings about mis-wired houses, etc., and the shock danger from tube rigs. O.K. There is no shock value (hi!) in a 12V QRP rig, is there? The 12V will give far more portability and portability is one of the hallmarks of QRPing, isn't it? Just a thought.

I am in the process of searching for 12V tube QRP kits, and thus hope to solve a shocking problem. Just tho't I'd put in my \$.02 worth.

73,
QRPDave
"We have met the enemy and he is us." --Pogo

Date: Wed, 24 Sep 1997 15:22:56 -0500
From: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
To: qrp-l@Lehigh.EDU
Subject: [27372] Re: Virtual Pacificon??
Message-ID: <v03007800b04ee07a5e5c@[144.92.104.132]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok Doug,

So we're going to see a digital picture of THE NEW KIT???!!!!

Paulette, WB9VHF
and her birds
Madison WI

Date: Wed, 24 Sep 1997 16:18:40 -0400
From: Ricky McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU
Subject: [27373] Re: Va Beach Hamfest
Message-ID: <199709241624_MC2-21B5-229@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

To: > INTERNET:qrp-1@Lehigh.EDU

<< Another find were some 6-v/4ah gell cells that came out of a Wal-Mart power pack that i had. I had ruined mine when I left the thing on for several days..so at \$2@ I picked up 3 and now have my power pack back in operation! >>

Hi Dennis,

this is really weird! I sold 3 of 4, 6-v/4ah gell cells out of mu Wal-Mart power pack at \$2 each ;-) How could all of us QRPers be walking around the hamfest and miss each other? (I didn't spend much time at the table or I'm sure we would have discussed the battery source :-)

By the way, a 12v/7ah gell cell fits fine in the Wall-Mart power pack, looks like it was originally designed to house the larger battery.

72/73's,

--Rick, KE4IZH

Chesapeake, VA 09/24/97

Date: Wed, 24 Sep 1997 15:50:18 -0500
From: Roger Whitaker <k9lj@iname.com>
To: psykey@okcforum.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [27374] Re: tube rigs
Message-ID: <34297D0A.5952@iname.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

our story struck a note. When I was a young lad I worked for an unmentioned power company doing survey work on a right-of-way. one of the local residents was giving us a big hassle. The next day when he was away one of the utility men climbed his transformer pole and disconnected his neutral. They said it was several days before the guy called for help. Moral of the story: Don't mess with the power company guys.

--
Roger B. Whitaker K9LJB

"In this house, we obey the laws of thermodynamics!" Homer J. Simpson

Home page: <http://www.cityscape.net/~whitaker/>

Date: Wed, 24 Sep 1997 13:15:51 -0700
From: Ed Loranger <we6w@qsl.net>
To: wager@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.EDU>
Subject: [27375] Re: 38S Kits: Sold Out
Message-ID: <342974F7.313D@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Is that 'Auld Lang Syne' I hear?

It's not Friday so I'll spare you all the poem.
And a tear was shed.
-Ed L.

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Wed, 24 Sep 1997 16:55:23 -0400
From: Dale Scott <dcscott@us.ibm.com>
To: <qrp-l@lehigh.EDU>
Subject: [27376] Exam sites/times in Seattle???
Message-ID: <5030100009270542000002L022*@MHS>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

It's a long story but I need to sit for an exam prior to 10/12 somewhere in the greater Seattle area. One of the local clubs (Mike & Key) used to publish an annual calendar of events that included times and locations for exams. = This guide was distributed by Amateur Radio Supply but since their (ARS) demise I don't know where to locate the guide. Are there any Seattle area folks on the list who might know where I can get this info either a website, bbs, or whatever?

Thanks & 72.....de dale/kc7khd

Internet: (work) dcscott@us.ibm.com
(home) dcscott@ibm.net
OV/VM: dcscott@ibmusm52
Dale C. Scott
IBM -- Engineering Technology Solutions
(206) 587-2784 8/277-2784
=

Date: Wed, 24 Sep 1997 16:13:59
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@Lehigh.EDU
Subject: [27377] Re: Practical MOV Usage
Message-ID: <3.0.3.16.19970924161359.3f87be7e@mo1sun.opthth.uiowa.edu>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

Had a few emails about the practical usage of MOVs. Most correspondence with Ed, N4XY and Glen, VE3DNL. Seems the common thought was that LC filters should be used, but that MOVs could add some extra protection. Glen was especially nice in teaching me about some mis-notions that I had about the impedance a low-powered HT would present to the power supply, while ed gave me some examples of MOV choices.

Fantastic help obtained again from the list.

>i've been thinking about making some spike free 12 v power available in my
>car to power my 2m HT. low-dropout regulators would give me regulated
>power, but how can i cut out spikes that would go above the regulators
>absolute maximum input voltage? it looks like an MOV ahead of the
>regulator would do the trick.

. . .
>can anybody give me a pointer where to look, or ;-) volunteer to give a
>small summary on line

73,
--adam, n2brt
=====
Adam B. Kanis
adam-kanis@uiowa.edu
=====

Date: Wed, 24 Sep 1986 17:23:28 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-1@lehigh.EDU>
Subject: [27378] 38 S Sold out.
Message-ID: <199709242125.RAA27905@HME1.smtp.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Doug and Jim,

Congratulations and a big THANK YOU.

Vince, VE3VFN.

P.S. And thank you Ori for the project.

Date: Wed, 24 Sep 1997 14:36:05 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.EDU
Subject: [27379] A 38 Special Thank You
Message-ID: <342987C4.7DC1@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

I would like to extend a special THANK YOU to Jim Cates and Doug Hendricks for the hundreds (no, thousands) of hours they both donated to the QRP community by bringing us the NorCal 38 Special kits.

Bill Jones - KD7S <><
Sanger, California
kd7s@psnw.com

Date: Wed, 24 Sep 1997 17:46:59 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [27380] ZK1XXP, North Cook Is., QRP mobile style!
Message-ID: <Pine.LNX.3.95.970924173624.31436C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I like 17 meters. I like it a LOT. :)

Left work today at 2045z, and went to 18.075. Down at 18.073 was a weak sig wavering in and out of the power line buzzzzzzz.....

About 3 miles down the road, here I am cursing and swearing at all of the power lines when they disappear...and there's ZK1XXP, calling "2 up," so I do, and I thought I got him, too, but DAMMMN, there are MORE power lines and for 1/2 mile (i.e. 30 seconds) I can't hear a blasted thing! He might have been calling me, and any NORMAL person would've heard it, but nooo, not me today...

As I'm driving into the neighborhood (5 minutes later), nearly clear of the power lines, I make a call, and he gets NF3IY. Hmmm, not quite, but awfully close. We swap reports, he asks for my call a few more times, and I send it. He's never been louder than S0 the entire time I'd been hearing him, so my hat goes off to whomever could copy ME given a disadvantage of 13 db, minimum. He sends a strong "QSL T U de ZK1XXP" and I can only assume it was for me...

I'll try to work him later on to shore up the QSO just in case, hopefully on 15m if it opens up adequately. Even so, it's in my logbook. QRP Mobile VK2 on 30 and ZK1 on 17 in the SAME DAY! If only work was that good...more to come, of course.

de NF3I/QRP/MonsterMobile Wow is this stuff ever fun!

If you don't try it, how do you know it won't work?

P.S. If you think your ride to work is too short...mine is merely 10 miles each way, giving me 30-60 minutes of operating time per day. But it's CONCENTRATED time, you know?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Wed, 24 Sep 1997 16:48:57 +0000 (GMT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@Lehigh.EDU
Subject: [27381] Re: To CW or not to CW that is the ?
Message-ID: <199709241648.QAA04564@okcforum.org>
Content-Type: text

You guys are great! ...It's nice to realize that this bunch is so savvy. One of my father's war stories was about a CW op onboard the ship my father served on in the Navy, who could (using what they called "split phones"...what we call stereo) listen to two CW transmissions (one of which could be at extremely high speeds), type one of them, while memorizing the other to be typed later, and still carry on a conversation with someone in the room! I've told this story among hams a number of times, and more often than

not, I've been a little frustrated when someone explains to me, carefully, that either I am mistaken about the story, or that my father was a liar, since the feat described was utterly impossible. Sounds like we may have some folks here who know better! :)

--Jim WB5UDE

Date: Wed, 24 Sep 1997 16:50:12 -0500
From: tahrens1@juno.com (Timothy H Ahrens)
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@Lehigh.EDU
Subject: [27382] Re: Virtual Pacificon??
Message-ID: <19970924.165135.11886.0.tahrens1@juno.com>

>Jerry Parker the erstwhile NorCal Web Page guru has done it again. He
>has
>made arrangements to do coverage of the QRP Forums semi-live on the
>webpage. Basically what will happen is that Jerry will set up his
>digital
>camera and

Howz about order entry for the new project... that too???????????

: -)

Tim W5FN

Date: Wed, 24 Sep 1997 16:09:56 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@lehigh.EDU
Subject: [27383] Re: QRP mobile style!
Message-ID: <34298FB4.C8E90B9F@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Scott Rosenfeld [NF3I] wrote:

> I'll try to work him later on to shore up the QSO just in case, hopefully
> on 15m if it opens up adequately. Even so, it's in my logbook. QRP

Hey, there is nothing like testing out a new antenna environment every mile
or so on the road !! If you don't like the propagation, wait a mile !!

John A. Evans	Chief Systems Administrator
Office: (719) 528-1800 x164	Titan Software Systems
Fax: (719) 528-1888	1115 Elkton Drive, Suite 200
email: jaevans@cos.cst.titan.com	Colorado Springs, CO 80907-3535

Date: Wed, 24 Sep 1997 23:15:11 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@lehigh.EDU
Subject: [27384] FOXHUNT Announcement
Message-ID: <199709242215.XAA16191@chuck.dallas.sgi.com>

```
+-----+
|   FOURTH ANNUAL INTERNET QRP FOXHUNT SCHEDULE -- 1997   |
|   Version 1.000 - Posted to QRP-L September 24, 1997   |
+-----+
```

1. A followup posting will give a list of stations called 'foxes'.
2. They will come on at time periods listed and I have their states listed along with their calls, names and email adr. They will call CQ and standby. Freqs will be on 40M NEAR but not on the QRP calling freq of 7.040MHz. NOTE: hunters must not call CQ for the fox.

3. All foxes will be QRP and you must be QRP too to be in the running for the bragging rights.
 4. You work the guy and you get one point and he gets one point. Exchange RST, State/Country/Province, name, and QRP-L NR or power level. Work each fox no more than once per night as this hinders others and will be considered un-sportsmanlike conduct. Also please do not try to work other stations on the same freq as the fox. A fox may work QRO stations too that call. The fox will post results within a few days of their time period. K5FO will post aperiodic standings for the top scores.
If you don't already have a qrp-l number, send email to LISTSERV@LEHIGH.EDU and in the body put `RUN QRP-L X GETNR 'yourcall'`. You gotta be a subscriber to do this though, i.e. get a number and it is yours for life.
 5. Two groups, foxes and hunters.
 6. The Novice/Tech+ individuals will have their own separate operating schedule and times.
 7. I think that's all. It's supposed to be fun and not complicated.
-
- A. The purpose of this exercise is not a contest. It is and has always been to generate QRP on the air activity during the week, when there are not big contests in progress, just this one :-). This exercise/event/hunt/etc. is probably the longest running official test of it's type in the world. Noone else would try this, for sure. Remember, it's just a hobby.
 - B. The foxhunt helps this group test out rigs, show off operating skills, develop operating skills, test antennas, etc. I still feel strongly that QRPers have got to get on the air. What good is it to spend a lot of time and money of building, etc. and not put the rig(s) on the air to have fun with? We gotta hold on to the electromagnetic spectrum by using it. IMHO.
 - C. We do CW only for this one, 'cuz the majority (at the present time) of QRP work is done via CW and it simplifies things for this event. The fox will go at your speed, so if you think you are too slow - don't worry.
 - D. After working a fox, the "hunters" should move off freq and work other members of the group. At least 3KHz is suggested to be considerate.
 - E. Postings to this group re this event should start with FOX: in the subject line so that those individuals that want to automate their mailers to "kill" such postings may do so. :-)
 - H. Mark your calendars and good luck to all and let us all hope for fantastic propagation. May your weak signal be strong, go far, and be heard by all.
 - I. And, of course, the rest of the week is open for general QSOs too. Keep those rigs warmed up and on the air.

Schedule to be posted separately and to follow this posting.

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Wed, 24 Sep 1997 23:15:38 +0100
 From: adams@chuck.dallas.sgi.com (Chuck Adams)
 To: qrp-1@Lehigh.EDU
 Subject: [27385] FOXHUNT Schedule
 Message-ID: <199709242215.XAA16196@chuck.dallas.sgi.com>

Gang,

Here it is!!!

Thanks for the hard work guys, now the fun begins. Good luck to each and everyone of you. Get the antenna tuned up.....
 This schedule starts next week.

I will add a Hawaii station if I can get a volunteer for two nights (not a weekend night Fri-Sun) and not on any night shown below. For those in the USofA subtract one from the date to see what calendar day you need to worry about.
 :-)

WEEK	CALL	DATE	TIME (UTC)	CALL	DATE	TIME (UTC)
1	K50I	Oct 1	0200-0400	AE9K	Oct 3	0000-0200
2	N8VAR	Oct 8	0000-0200	NR3Z	Oct 9	0200-0400
3	W7QQQ	Oct 15	0200-0400	KK5RO	Oct 17	0200-0400
4	NQ7K	Oct 21	0200-0400	AB7TK	Oct 22	0200-0400
	VE7CQK	Oct 23	0100-0300	**		
5	N0TFI	Oct 28	0000-0200	N0UR	Oct 29	0200-0400
6	W7QQQ	Nov 5	0200-0400	K1MG	Nov 7	0200-0400
7	K8CV	Nov 11	0200-0400	KI7MN	Nov 12	0100-0300
8	W2UX	Nov 18	0100-0300	N8VAR	Nov 19	0100-0300
9	K0EVZ	Nov 25	0000-0200	KA8OKH	Nov 27	0100-0300
10	N0UR	Dec 3	0200-0400	KS4L	Dec 5	0200-0400
	AL7FS	Dec 5	0200-0400	**		
11	K8CV	Dec 9	0200-0400	N9DD	Dec 11	0100-0300
	AL7FS	Dec 12	0200-0400	**		
12	W3CV	Dec 18	0200-0400	K50I	Dec 19	0300-0500
13	KA8OKH	Dec 23	0100-0300	N0TFI	Dec 24	0000-0200
14	W03B	Dec 30	0300-0500	W3CV	Jan 2	0200-0400
15	N2TNN	Jan 7	0200-0400	KS4L	Jan 9	0200-0400
16	KI7MN	Jan 14	0100-0300	AB7TK	Jan 16	0200-0400
17	W2UX	Jan 20	0100-0300	N2TNN	Jan 21	0100-0300
18	AE4IC	Jan 28	0300-0500	AE9K	Jan 30	0100-0300

19	N9DD	Feb 5	0100-0300	KK6MC	Feb 6	0030-0230
20	NR3Z	Feb 12	0200-0400	K1MG	Feb 13	0200-0400
21	KK5RO	Feb 17	0200-0400	N6WG	Feb 18	0200-0400
	VE7CQK	Feb 20	0100-0300	**		
22	K0EVZ	Feb 24	0000-0200	AE4IC	Feb 27	0300-0500
23	N6WG	Mar 3	0200-0400	AA1MY	Mar 4	0300-0500
24	AA1MY	Mar 10	0300-0500	W03B	Mar 13	0400-0600
25	KK6MC	Mar 18	0030-0230	NQ7K	Mar 20	0200-0400

*****DX*****

AL7FS	larsennc@alaska.net	Jim Larsen	Anchorage, AK
VE7CQK	paul1@wizard.ucs.sfu.ca	Paul Erickson	Vancouver, B.C.

*****REGION 3*****

KI7MN	ki7mn@dancris.com	Bob Hightower	Chandler, AZ
NQ7K	mikec@primenet.com	Michael Connor	Glendale, AZ
K1MG	mgipe@reliablemeters.com	Michael A. Gipe	Saratoga, CA
AB7TK	RFOLTZ@WSUNIX.WSU.EDU	Randy Foltz	Moscow, ID
W7QQQ	jackmead@getnet.com	Jack Meadows	Mesa, AZ
N6WG	<a long address>	Bob Tellefsen	Newark, CA
W03B	white.bob@ssd.loral.com	Bob White	Santa Clara, CA

*****REGION 2*****

K5OI	TPETTIBO@NMSU.EDU	Tim Pettibone	Las Cruces, NM
N0TFI	Jessqrp@concentric.net	Jess Gypin	Lafayette, CO
KK5RO	vhatley@flash.net	Vernon Hatley	Shawnee, OK
N0UR	lageson@att.net.com	Jim Lageson	Minneapolis MN
K0EVZ	70511.3041@compuserve.com	Doc Lindsey	Rochester, MN
KK6MC/5	jamesd1@flash.net	James R. Duffey	Cedar Crest NM
AE9K	brianc@ams-i.com	Brian Cieslak	Waterford, Wi

*****REGION 1*****

AA1MY	sslyon@worldnet.att.net	"Seab" Lyon	Bethel, CT
K8CV	k8cv@juno.com	Walt Amos	Royal Oak, MI
KS4L	wrmoore@ingr.com	Randy Moore	Huntsville, AL
N2TNN	n2tnn@ifu.net	Dean Marzocca	Somerset, NJ
N9DD	N9DD@aol.com	Tom Frisz	South Bend, IN
W3CV	ke3nv@erols.com	Scott Bauer	Odenton, MD
NR3Z	skitch@resuba.com	Marty Squicciarini	Lansdale, PA
AE4IC	ae4ic@nr.infi.net	Bob Kellogg	Greensboro, NC
N8VAR	N8VAR@juno.com	Ron Doyle	Huber Heights, OH
KA8OKH	ka8okh@som-uky.campus.mci.net	Rich Dailey	Somerset, KY
W2UX	mail4gary@worldnet.att.net	Gary McCaughey	Lexington, SC

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/index.html>

Date: Wed, 24 Sep 1997 22:21:07 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: qrp-dave@ocsnet.net, qrp-1@lehigh.EDU
Subject: [27386] Re: Tube QRP rigs
Message-ID: <19970924222059.AAC23015@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:20 PM 9/24/97 +0000, you wrote:

>Hi guys and gals! I have been watching the postings about mis-wired houses,
>etc., and the shock danger from tube rigs. O.K. There is no shock value
>(hi!) in a 12V QRP rig, is there? The 12V will give far more portability
>and portability is one of the hallmarks of QRPing, isn't it? Just a thought.

> I am in the process of searching for 12V tube QRP kits, and thus
>hope to solve a shocking problem. Just tho't I'd put in my \$.02 worth.

>

>73,

>QRPDave

>"We have met the enemy and he is us." --Pogo

>

>

> True! But there isn't any "nostalgia" and warm orange glow coming from
a solid state rig! For portability the IC and the transistor is THE WAY to go,
but there isn't any "romance" in them.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

Date: Wed, 24 Sep 1997 16:28:44 -0600
From: AE0Q V31RY <v31ry@ix.netcom.com>
To: qrp-1@Lehigh.EDU
Cc: jhahn@bellatlantic.net
Subject: [27387] Re: CQ HI CQ HI/Would like sked with HI
Message-ID: <2.2.16.19970924222844.3847b6b6@popd.ix.netcom.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 07:39 24-09-97 -0400, N2T0 wrote:

>Hi Gang,

>

>In my quest towards WAS CW I need Hawaii at this point. Are any members of
>the QRP-L from Hawaii who'd like to try a sked? If so, do you know what
>time of day UTC propagation is best to the East Coast, my QTH is New York
>City.

>

Hello Kevin.. To get an idea when Hawaii could be heard from NY, you might want to try using a program called Miniprop. It's propagation forecasting software that is amazingly accurate. It will show the predicted signal levels (assuming 100w to a dipole on each end) for each band, every two hours. There is a free version of it on my web site, and I've also made an updated atlas file for it that has entries for all 50 states and the latest DXCC prefixes.

It's written by W6EL, and I have no connection to him other than being a very happy user since 1991 when I read about it in a DX magazine..

The free version is the one he was selling in 1988, so it's not fancy with color screens, and it doesn't save your default settings like the paid-for version does. But it will let you run it and use all it's features. You can use the state entries for a quick default entry, or edit the atlas file and put in your own callsign and lat/lon.. They all start with ST, and follow with the postal abbreviation for each state, like STCO, or STWA.. I did that to make them unique from any possible DX prefixes..

You just need to know the solar flux number for the day, 80 is a good approximation right now, it's not that critical.

My web address is on the end of my .sig, make sure you download both the program and the new atlas file, if you want to try it..

By the way, Sam KH6AFS has been heard almost every evening around 14.060, either calling CQ or answering QRPers he hears calling CQ there. He has a 600ft rhombic antenna, and has a good signal here in Colorado every night (he usually runs an HW-8 at 2w).

73/ZUT -- Glenn

Another month ends... All targets met, all systems working, all customers satisfied, all staff eager and enthusiastic. All pigs fed and ready to fly.

AE0Q / V31RY

ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK

v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
http://www.qsl.net/ae0q

Date: Wed, 24 Sep 1997 17:43:12 -0500
From: TonyDrumm@ibm.net (Tony Drumm)
To: qrp-l@lehigh.EDU
Subject: [27388] Re: QRP Afield
Message-ID: <199709242241.WAA58074@out2.ibm.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>In a message dated 97-09-23 03:40:01 EDT, n4bp@shadow.net writes:

>

><< On Mon, 22 Sep 1997, Bob Kellogg wrote:

>

> > > Anybody else hear the 9A in the middle of the fracas calling CQ over and
> > > over? I tried him a few times as well but no luck there either.

> >

> Yes, my experience with these 9A's shows that they have even worse ears...

>Hi guys,

>

>I too heard the 9A and tried for a little while to work him during the ...

I also heard the 9A and attempted a contact. Always worth trying, I guess!

Tony Drumm

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End of QRP-L Digest 858
